

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|---------------------|
| L1 | 152 | ("6066177" "4952817" "5946086" "6000829" "4631427" "4989062" "5182810" "5535238" "5563907" "5673286" "6226316" "6226316" "5021716" "5297099" "5517050" "5574747" "5751164" "5822346" "5835527" "5887010" "5920590" "5940779" "5995538" "6029074" "6175586" "4798981" "5299226" "5446322" "5493707" "5517447" "5565807" "5570685" "5585792" "5612639" "5631921" "5640381" "5654655" "5699001" "5700089" "5719800" "5770955" "5818234" "5850155" "5862393" "5903767" "5963053" "5978318" "5982704" "6040717" "6049229" "6131166" "6175249" "6201977" "4256984" "4313655" "4378508" "4509128" "4943764" "5013980" "5019996" "5239503" "5268649" "5345164" "5367482" "5397946" "5402127" "5406100" "5426347" "5446410" "5449960" "5467035" "5511234" "5528061" "5559393" "5585743" "5621279" "5635825" "5635859" "5714892" "5719898" "5752533" "5778238" "5786713" "5792072" "5828568" "5831864" "5838947" "5892615" RE36278 "5963583" | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |

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| L3 | 297 | L1 L2 | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L4 | 154 | L3 and threshold | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L5 | 92 | L4 and compar\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L6 | 111 | L4 and compar\$6 | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L7 | 1 | "4982176".pn. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L8 | 56 | ("3258705" "3459961" "3958118" "4186388" "4314198" "4342987" "4384317" "4433328" "4450351" "4486820" "4539516" "4663521" "4701693" "4703171" "4772990" "4804858" "4835664" "4843525" "4862141").PN. OR ("4982176").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L9 | 167 | L6 L8 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L10 | 353 | L3 L8 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L11 | 49 | L10 and (threshold with compar\$6) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L12 | 20772 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L13 | 2392 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L14 | 3826 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L15 | 2458 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L16 | 3348 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L17 | 1249 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L18 | 502 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L19 | 1691 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L20 | 992 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L21 | 1775 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L22 | 431 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L23 | 1055 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L24 | 840 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L25 | 1818 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L26 | 692 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L27 | 472 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L28 | 397 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L29 | 2561 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L30 | 623 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L31 | 1359 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L32 | 0 | (Daryl near Robert near Gazzard).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L33 | 431 | 340/567.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L34 | 0 | 340/539.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L35 | 1705 | 340/541.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L36 | 531 | 340/555.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L37 | 393 | 340/565.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L38 | 2614 | 250/221.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L39 | 412 | 250/214a1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L40 | 819 | 250/342.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L41 | 604 | 250/349.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L42 | 690 | 250/353.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L43 | 0 | 250/183.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L44 | 1 | 10/586357.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L45 | 20772 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L46 | 2392 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L47 | 3826 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L48 | 2458 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L49 | 3348 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L50 | 1249 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L51 | 502 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L52 | 1691 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L53 | 992 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L54 | 1775 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L55 | 431 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L56 | 1055 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L57 | 840 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L58 | 1818 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L59 | 692 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L60 | 472 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L61 | 397 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L62 | 2561 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L63 | 623 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L64 | 1359 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L65 | 52104 | L45 L46 L47 L48 L49 L50 L51 L52 L53 L54 L55 L56 L57 L58 L59 L60 L61 L62 L63 L64 L33 L35 L36 L37 L38 L39 L40 L41 L42 L44 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L66 | 1800 | L65 and ((predetermined threshold) with (power near level)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L67 | 0 | L66 and (power near on) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L68 | 0 | L66 and (power with on) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L69 | 514 | L66 and battery | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L70 | 310 | L66 and battery and monitor\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L71 | 1 | L65 and (monitor\$3 near2 (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L72 | 7 | L65 and (monitor\$3 with (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L73 | 6 | L66 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L74 | 87 | L65 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L75 | 1 | "7193201".pn. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L76 | 2 | ("5999830" "6677589").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L77 | 1 | "4982176".PNL | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L78 | 152 | ("6066177" "4952817" "5946086" "6000829" "4631427" "4989062" "5182810" "5535238" "5563907" "5673286" "6226316" "6226316" "5021716" "5297099" "5517050" "5574747" "5751164" "5822346" "5835527" "5887010" "5920590" "5940779" "5995538" "6029074" "6175586" "4798981" "5299226" "5446322" "5493707" "5517447" "5565807" "5570685" "5585792" "5612639" "5631921" "5640381" "5654655" "5699001" "5700089" "5719800" "5770955" "5818234" "5850155" "5862393" "5903767" "5963053" "5978318" "5982704" "6040717" "6049229" "6131166" "6175249" "6201977" "4256984" "4313655" "4378508" "4509128" "4943764" "5013980" "5019996" "5239503" "5268649" "5345164" "5367482" "5397946" "5402127" "5406100" "5426347" "5446410" "5449960" "5467035" "5511234" "5528061" "5559393" "5585743" "5621279" "5635825" "5635859" "5714892" "5719898" "5752533" "5778238" "5786713" "5792072" "5828568" "5831864" "5838947" "5892615" | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |

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| L79 | 145 | ("5268617" "5272389" "5285276" "5293639" "5296393" "5311392" "5315545" "5319371" "5335135" "5339083" "5341042" "5361403" "5369310" "5369356" "5371421" "5371709" "5396115" "5402200" "5406215" "5406519" "5410272" "5410368" "5423074" "5424627" "5428281" "5430419" "5434481" "5436821" "5446404" "5451907" "5452215" "5459412" "5461365" "5467043" "5475333" "5477409" "5488331" "5498956" | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |

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"6128745").pn.

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|-----|-------|---|------------------------------|----|----|---------------------|
| L80 | 297 | L78 L79 | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L81 | 154 | L80 and threshold | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L82 | 92 | L81 and compar\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L83 | 111 | L81 and compar\$6 | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L84 | 1 | "4982176".pn. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L85 | 56 | ("3258705" "3459961" "3958118" "4186388" "4314198" "4342987" "4384317" "4433328" "4450351" "4486820" "4539516" "4663521" "4701693" "4703171" "4772990" "4804858" "4835664" "4843525" "4862141").PN. OR ("4982176").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L86 | 167 | L83 L85 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L87 | 353 | L80 L85 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L88 | 20772 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L89 | 2392 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L90 | 3826 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L91 | 2458 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L92 | 3348 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L93 | 1249 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L94 | 502 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L95 | 1691 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L96 | 992 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L97 | 1775 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L98 | 431 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L99 | 1055 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L100 | 840 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L101 | 1818 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L102 | 692 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L103 | 472 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L104 | 397 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L105 | 2561 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L106 | 623 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L107 | 1359 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L108 | 0 | (Daryl near Robert near Gazzard).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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| L109 | 431 | 340/567.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L110 | 0 | 340/539.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L111 | 1705 | 340/541.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L112 | 531 | 340/555.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L113 | 393 | 340/565.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L114 | 2614 | 250/221.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L115 | 412 | 250/214al.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L116 | 819 | 250/342.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L117 | 604 | 250/349.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L118 | 690 | 250/353.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L119 | 0 | 250/183.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L120 | 1 | 10/586357.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L121 | 20772 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L122 | 2392 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L123 | 3826 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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|------|------|-----------------|------------------------------|----|----|---------------------|
| L124 | 2458 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L125 | 3348 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L126 | 1249 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L127 | 502 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L128 | 1691 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L129 | 992 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L130 | 1775 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L131 | 431 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L132 | 1055 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L133 | 840 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L134 | 1818 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L135 | 692 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L136 | 472 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L137 | 397 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L138 | 2561 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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|------|-------|--|------------------------------|----|----|---------------------|
| L139 | 623 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L140 | 1359 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L141 | 52104 | L121 L122 L123 L124 L125 L126 L127 L128 L129 L130 L131 L132 L133 L134 L135 L136 L137 L138 L139 L140 L109 L111 L112 L113 L114 L115 L116 L117 L118 L120 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L142 | 1800 | L141 and ((predetermined threshold) with (power near level)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L143 | 0 | L142 and (power near on) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L144 | 0 | L142 and (power with on) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L145 | 514 | L142 and battery | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L146 | 310 | L142 and battery and monitor\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L147 | 1 | L141 and (monitor\$3 near2 (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L148 | 7 | L141 and (monitor\$3 with (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L149 | 6 | L142 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L150 | 87 | L141 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L151 | 1 | "7193201".pn. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |

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| L152 | 2 | ("5999830" "6677589").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L153 | 444 | 250/338.3.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L154 | 1751 | 250/338.1.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L155 | 789 | 250/336.1.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L156 | 95 | 250/339.14.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L157 | 731 | 250/342.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L158 | 2363 | 250/221.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/15 10:48 |
| L159 | 10831 | detect\$3 same (compar \$5 with switch with output) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L160 | 3554 | (compar\$5 with switch with output with threshold) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L161 | 171 | L160 and "455".das. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L162 | 431 | 340/567.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L163 | 1705 | 340/541.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L164 | 531 | 340/555.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L165 | 393 | 340/565.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L166 | 2614 | 250/221.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L167 | 412 | 250/214a.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L168 | 819 | 250/342.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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|------|-------|-----------------|------------------------------|----|----|---------------------|
| L169 | 604 | 250/349.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L170 | 690 | 250/353.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L171 | 1 | 10/586357.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L172 | 20772 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L173 | 2392 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L174 | 3826 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L175 | 2458 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L176 | 3348 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L177 | 1249 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L178 | 502 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L179 | 1691 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L180 | 992 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L181 | 1775 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L182 | 431 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L183 | 1055 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |

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|------|-------|--|------------------------------|----|----|---------------------|
| L184 | 840 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L185 | 1818 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L186 | 692 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L187 | 472 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L188 | 397 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L189 | 2561 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L190 | 623 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L191 | 1359 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L192 | 52104 | L172 L173 L174 L175 L176 L177 L178 L179 L180 L181 L182 L183 L184 L185 L186 L187 L188 L189 L190 L191 L162 L163 L164 L165 L166 L167 L168 L169 L170 L171 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| L193 | 339 | L192 and L159 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/15 10:48 |
| SI | 152 | ("6066177" "4952817" "5946086" "6000829" "4631427" "4989062" "5182810" "5535238" "5563907" "5673286" "6226316" "6226316" "5021716" "5297099" "5517050" "5574747" "5751164" "5822346" "5835527" "5887010" "5920590" "5940779" "5995538" "6029074" "6175586" "4798981" "5299226" "5446322" "5493707" "5517447" | US-PGPUB; USPAT | OR | ON | 2008/02/27 12:58 |

"5565807" "5570685"
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"5850155" "5862393"
"5903767" "5963053"
"5978318" "5982704"
"6040717" "6049229"
"6131166" "6175249"
"6201977" "4256984"
"4313655" "4378508"
"4509128" "4943764"
"5013980" "5019996"
"5239503" "5268649"
"5345164" "5367482"
"5397946" "5402127"
"5406100" "5426347"
"5446410" "5449960"
"5467035" "5511234"
"5528061" "5559393"
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"4306159" "4320499"
"4325331" "4357579"
"4378505" "4386296"
"4405870" "4419757"
"4420823" "4437437"
"4489261" "4504498"
"4513224" "4521701"
"4527621" "4543527"
"4571553" "4592087"
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"4785342" "4788696"
"4835410" "4855893"
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"4866307" "4866525"

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| | | "4910425" "4942316" "4963767" "4967099" "4970414" "4980746" "4982443" "4989261" "4995046" "5003196" "5019727" "5181091" "5199086" "5208550" "5223744" "5223752" "5254928").pn. | | | | |
| S2 | 145 | ("5268617" "5272389" "5285276" "5293639" "5296393" "5311392" "5315545" "5319371" "5335135" "5339083" "5341042" "5361403" "5369310" "5369356" "5371421" "5371709" "5396115" "5402200" "5406215" "5406519" "5410272" "5410368" "5423074" "5424627" "5428281" "5430419" "5434481" "5436821" "5446404" "5451907" "5452215" "5459412" "5461365" "5467043" "5475333" "5477409" "5488331" "5498956" "5502744" "5504451" "5513358" "5517132" "5519599" "5521531" "5521768" "5524044" "5528639" "5530710" "5534804" "5539477" "5552740" "5568586" "5581506" "5592121" "5592054" "5608401" "5617048" "5619470" "5631799" "5636284" "5638013" "5640357" "5659207" "5661415" "5665978" "5666043" "5686847" "5694076" "5697083" "5696722" "5699315" "5703804" "5715228" "5722378" "5726506" "5726550" "5726591" "5736905" "5737612" "5740027" "5744944" "5745065" "5754419" "5756966" "5761627" "5764714" "5767694" "5774402") | US-PGPUB; USPAT | OR | ON | 2008/02/27 12:59 |

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| | | "5781783" "5784091" "5786641" "5793695" "5801584" "5800309" "5804893" "5809312" "5814845" "5822312" "5825714" "5825205" "5831302" "5838166" "5838629" "5841645" "5852634" "5852737" "5854720" "5859632" "5859548" "5886942" "5886582" "5894446" "5898189" "5900983" "5907467" "5912577" "5917255" "5917748" "5925455" "5943228" "5942946" "5944830" "5955874" "5968178" "5973533" "5994888" "5999057" "6005423" "6014100" "6025968" "6028474" "6031849" "6041413" "6044035" "6049576" "6052006" "6058257" "6067257" "6085327" "6084476" "6088589" "6101200" "6115293" "6115763" "6128745").pn. | | | | |
| S3 | 297 | S1 S2 | US-PGPUB; USPAT | OR | ON | 2008/02/27 12:59 |
| S4 | 154 | S3 and threshold | US-PGPUB; USPAT | OR | ON | 2008/02/27 12:59 |
| S5 | 92 | S4 and compar\$3 | US-PGPUB; USPAT | OR | ON | 2008/02/27 12:59 |
| S6 | 111 | S4 and compar\$6 | US-PGPUB; USPAT | OR | ON | 2008/02/27 12:59 |
| S7 | 1 | "4982176").pn. | US-PGPUB; USPAT | OR | ON | 2008/02/27 13:00 |

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|-----|-------|--|------------------------------|----|----|---------------------|
| S8 | 53 | ("3258705" "3459961" "3958118" "4186388" "4314198" "4342987" "4384317" "4433328" "4450351" "4486820" "4539516" "4663521" "4701693" "4703171" "4772990" "4804858" "4835664" "4843525" "4862141").PN. OR ("4982176").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:00 |
| S9 | 164 | S6 S8 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:01 |
| S10 | 350 | S3 S8 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:01 |
| S11 | 48 | S10 and (threshold with compar\$6) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:01 |
| S12 | 16008 | "725".cls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:13 |
| S13 | 1828 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:14 |
| S14 | 3068 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:14 |
| S15 | 2077 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S16 | 2763 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S17 | 1112 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S18 | 369 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S19 | 1357 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |

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| S20 | 850 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S21 | 1373 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S22 | 364 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S23 | 914 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S24 | 767 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S25 | 1721 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S26 | 596 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:15 |
| S27 | 454 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:16 |
| S28 | 384 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:16 |
| S29 | 2177 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:16 |
| S30 | 616 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:16 |
| S31 | 1336 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 13:16 |
| S32 | 0 | (Daryl near Robert near Gazzard).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 16:40 |
| S33 | 414 | 340/567.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:37 |
| S34 | 0 | 340/539.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |

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| S35 | 1470 | 340/541.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S36 | 497 | 340/555.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S37 | 364 | 340/565.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S38 | 2405 | 250/221.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S39 | 360 | 250/214al.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S40 | 796 | 250/342.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S41 | 589 | 250/349.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S42 | 656 | 250/353.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S43 | 0 | 250/183.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:38 |
| S44 | 1 | 10/586357.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 17:50 |
| S45 | 16008 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S46 | 1828 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S47 | 3068 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S48 | 2077 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S49 | 2763 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |

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|-----|------|-----------------|------------------------------|----|----|---------------------|
| S50 | 1112 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S51 | 369 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S52 | 1357 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S53 | 850 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S54 | 1373 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S55 | 364 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S56 | 914 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S57 | 767 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S58 | 1721 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S59 | 596 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S60 | 454 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S61 | 384 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S62 | 2177 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S63 | 616 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S64 | 1336 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |

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|-----|-------|--|------------------------------|----|----|---------------------|
| S65 | 43135 | S45 S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61 S62 S63 S64 S33 S35 S36 S37 S38 S39 S40 S41 S42 S44 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:09 |
| S66 | 1481 | S65 and ((predetermined threshold) with (power near level)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:12 |
| S67 | 0 | S66 and (power near on) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:13 |
| S68 | 0 | S66 and (power with on) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:13 |
| S69 | 408 | S66 and battery | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:16 |
| S70 | 245 | S66 and battery and monitor\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:16 |
| S71 | 0 | S65 and (monitor\$3 near2 (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:18 |
| S72 | 4 | S65 and (monitor\$3 with (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:18 |
| S73 | 5 | S66 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:38 |
| S74 | 76 | S65 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/27 18:39 |
| S75 | 1 | "7193201".pn. | US-PGPUB; USPAT | OR | ON | 2008/02/28 09:08 |
| S76 | 2 | ("5999830" "6677589").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 08:36 |
| S77 | 1 | "4982176".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 12:10 |

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|-----|-----|--|--------------------|----|----|---------------------|
| S78 | 152 | ("6066177" "4952817" "5946086" "6000829" "4631427" "4989062" "5182810" "5535238" "5563907" "5673286" "6226316" "6226316" "5021716" "5297099" "5517050" "5574747" "5751164" "5822346" "5835527" "5887010" "5920590" "5940779" "5995538" "6029074" "6175586" "4798981" "5299226" "5446322" "5493707" "5517447" "5565807" "5570685" "5585792" "5612639" "5631921" "5640381" "5654655" "5699001" "5700089" "5719800" "5770955" "5818234" "5850155" "5862393" "5903767" "5963053" "5978318" "5982704" "6040717" "6049229" "6131166" "6175249" "6201977" "4256984" "4313655" "4378508" "4509128" "4943764" "5013980" "5019996" "5239503" "5268649" "5345164" "5367482" "5397946" "5402127" "5406100" "5426347" "5446410" "5449960" "5467035" "5511234" "5528061" "5559393" "5585743" "5621279" "5635825" "5635859" "5714892" "5719898" "5752533" "5778238" "5786713" "5792072" "5828568" "5831864" "5838947" "5892615" RE36278 "5963583" "5977721" "6023612" "6034550" "6055418" "6075350" "6118575" "6145117" "6181465" "6194943" "6204574" "6211984" "6215342" "6211984" "6215342" "4269494" "4296331" | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |
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|-----|-----|---|--------------------|----|----|---------------------|
| | | "4306159" "4320499" "4325331" "4357579" "4378505" "4386296" "4405870" "4419757" "4420823" "4437437" "4489261" "4504498" "4513224" "4521701" "4527621" "4543527" "4571553" "4592087" "4606404" "4607215" "4628256" "4762194" "4764693" "4777653" "4785342" "4788696" "4835410" "4855893" "4862019" "4862366" "4866307" "4866525" "4910425" "4942316" "4963767" "4967099" "4970414" "4980746" "4982443" "4989261" "4995046" "5003196" "5019727" "5181091" "5199086" "5208550" "5223744" "5223752" "5254928").pn. | | | | |
| S79 | 145 | {"5268617" "5272389" "5285276" "5293639" "5296393" "5311392" "5315545" "5319371" "5335135" "5339083" "5341042" "5361403" "5369310" "5369356" "5371421" "5371709" "5396115" "5402200" "5406215" "5406519" "5410272" "5410368" "5423074" "5424627" "5428281" "5430419" "5434481" "5436821" "5446404" "5451907" "5452215" "5459412" "5461365" "5467043" "5475333" "5477409" "5488331" "5498956" "5502744" "5504451" "5513358" "5517132" "5519599" "5521531" "5521768" "5524044" "5528639" "5530710" "5534804" "5539477" "5552740" "5568586" "5581506" "5592121" "5592054" "5608401" | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |

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|-----|-----|--|--------------------|----|----|---------------------|
| | | "5617048" "5619470" "5631799" "5636284" "5638013" "5640357" "5659207" "5661415" "5665978" "5666043" "5686847" "5694076" "5697083" "5696722" "5699315" "5703804" "5715228" "5722378" "5726506" "5726550" "5726591" "5736905" "5737612" "5740027" "5744944" "5745065" "5754419" "5756966" "5761627" "5764714" "5767694" "5774402" "5781783" "5784091" "5786641" "5793695" "5801584" "5800309" "5804893" "5809312" "5814845" "5822312" "5825714" "5825205" "5831302" "5838166" "5838629" "5841645" "5852634" "5852737" "5854720" "5859632" "5859548" "5886942" "5886582" "5894446" "5898189" "5900983" "5907467" "5912577" "5917255" "5917748" "5925455" "5943228" "5942946" "5944830" "5955874" "5968178" "5973533" "5994888" "5999057" "6005423" "6014100" "6025968" "6028474" "6031849" "6041413" "6044035" "6049576" "6052006" "6058257" "6067257" "6085327" "6084476" "6088589" "6101200" "6115293" "6115763" "6128745").pn. | | | | |
| S80 | 297 | S78 S79 | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |
| S81 | 154 | S80 and threshold | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |
| S82 | 92 | S81 and compar\$3 | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |

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|-----|-------|---|------------------------------|----|----|---------------------|
| S83 | 111 | S81 and compar\$6 | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |
| S84 | 1 | "4982176".pn. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |
| S85 | 53 | ("3258705" "3459961" "3958118" "4186388" "4314198" "4342987" "4384317" "4433328" "4450351" "4486820" "4539516" "4663521" "4701693" "4703171" "4772990" "4804858" "4835664" "4843525" "4862141").PN. OR ("4982176").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S86 | 164 | S83 S85 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S87 | 350 | S80 S85 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S88 | 17249 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S89 | 1982 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S90 | 3264 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S91 | 2169 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S92 | 2910 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S93 | 1154 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S94 | 395 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S95 | 1452 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |

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|------|------|---|------------------------------|----|----|---------------------|
| S96 | 881 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S97 | 1467 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S98 | 385 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S99 | 959 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S100 | 790 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S101 | 1749 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S102 | 617 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S103 | 459 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S104 | 386 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S105 | 2270 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S106 | 619 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S107 | 1338 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S108 | 0 | (Daryl near Robert near Gazzard).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S109 | 418 | 340/567.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S110 | 0 | 340/539.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |

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|------|-------|-----------------|------------------------------|----|----|---------------------|
| S111 | 1534 | 340/541.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S112 | 511 | 340/555.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S113 | 368 | 340/565.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S114 | 2474 | 250/221.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S115 | 375 | 250/214al.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S116 | 800 | 250/342.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S117 | 595 | 250/349.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S118 | 664 | 250/353.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S119 | 0 | 250/183.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S120 | 1 | 10/586357.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S121 | 17249 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S122 | 1982 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S123 | 3264 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S124 | 2169 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S125 | 2910 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |

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|------|------|-----------------|------------------------------|----|----|---------------------|
| S126 | 1154 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S127 | 395 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S128 | 1452 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S129 | 881 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S130 | 1467 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S131 | 385 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S132 | 959 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S133 | 790 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S134 | 1749 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S135 | 617 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S136 | 459 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S137 | 386 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S138 | 2270 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S139 | 619 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S140 | 1338 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |

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|------|-------|--|------------------------------|----|----|---------------------|
| S141 | 45470 | S121 S122 S123 S124 S125 S126 S127 S128 S129 S130 S131 S132 S133 S134 S135 S136 S137 S138 S139 S140 S109 S111 S112 S113 S114 S115 S116 S117 S118 S120 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S142 | 1564 | S141 and ((predetermined threshold) with (power near level)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S143 | 0 | S142 and (power near on) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S144 | 0 | S142 and (power with on) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S145 | 431 | S142 and battery | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S146 | 257 | S142 and battery and monitor\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S147 | 0 | S141 and (monitor\$3 near2 (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S148 | 5 | S141 and (monitor\$3 with (predetermined threshold) with ((power near level) near2 battery)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S149 | 5 | S142 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S150 | 80 | S141 and photovoltaic near cell | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S151 | 1 | "7193201".pn. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:38 |
| S152 | 2 | ("5999830" "6677589").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 14:38 |
| S153 | 423 | 250/338.3.ccls. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:39 |

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|------|-------|---|------------------------------|----|----|---------------------|
| S154 | 1602 | 250/338.1.ccls. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:39 |
| S155 | 710 | 250/336.1.ccls. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:39 |
| S156 | 89 | 250/339.14.ccls. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:39 |
| S157 | 712 | 250/342.ccls. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:39 |
| S158 | 2223 | 250/221.ccls. | US-PGPUB; USPAT | OR | ON | 2008/07/31 14:39 |
| S159 | 10371 | detect\$3 same (compar \$5 with switch with output) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 14:10 |
| S160 | 3357 | (compar\$5 with switch with output with threshold) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 14:11 |
| S161 | 165 | S160 and "455".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 14:11 |
| S162 | 427 | 340/567.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S163 | 1605 | 340/541.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S164 | 523 | 340/555.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S165 | 379 | 340/565.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S166 | 2539 | 250/221.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S167 | 388 | 250/214a1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S168 | 809 | 250/342.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S169 | 600 | 250/349.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S170 | 672 | 250/353.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |

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|------|-------|-----------------|------------------------------|----|----|---------------------|
| S171 | 1 | 10/586357.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S172 | 18541 | "725".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S173 | 2120 | 455/411.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S174 | 3503 | 455/522.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S175 | 2284 | 455/69.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S176 | 3084 | 455/67.11.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S177 | 1189 | 455/126.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S178 | 435 | 455/68.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S179 | 1542 | 455/127.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S180 | 924 | 455/572.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S181 | 1579 | 455/574.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S182 | 402 | 327/142.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S183 | 994 | 327/143.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S184 | 811 | 327/198.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S185 | 1777 | 327/530.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |

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| S186 | 652 | 327/544.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S187 | 464 | 327/545.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S188 | 387 | 327/546.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S189 | 2372 | 327/108.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S190 | 622 | 327/185.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S191 | 1345 | 327/50.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S192 | 47958 | S172 S173 S174 S175 S176 S177 S178 S179 S180 S181 S182 S183 S184 S185 S186 S187 S188 S189 S190 S191 S162 S163 S164 S165 S166 S167 S168 S169 S170 S171 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |
| S193 | 322 | S192 and S159 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/04 16:22 |

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